

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6244825").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/06 08:13
L2	12	("4242625" "4511312" "4820317" "4864287" "5209110" "5226800" "5582017" "5646499").PN. OR ("6244825").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/06 08:13
L3	324	(318/783).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/06 08:24
L6	286	(318/641).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/06 08:26
L8	1	l3 and pump\$3 and motor and current and temperature and overload\$3 and gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 08:26
L9	0	l6 and pump\$3 and motor and current and temperature and overload\$3 and gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 08:27
L11	389	pump\$3 and motor and current and temperature and overload\$3 and gain and transient and predetermin\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 08:30

L12	47	l11 and limit\$3 near1 current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 08:30
L13	38	l11 and limit\$3 near1 current and @py<="2005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 08:31
L14	370	(318/469).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/06 10:02
L15	0	l14 and pump\$3 and motor and current and temperature and overload\$3 and gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 10:03
L16	542	(318/476).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/06 10:03
L17	0	l16 and pump\$3 and motor and current and temperature and overload\$3 and gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 10:03
L18	6722813	temperature or thermal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 10:03
L19	174210	overload or overcurrent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 10:04

L20	1794196	vacuum near1 pump or pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 10:04
L21	4043802	motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 10:04
L22	879234	gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 10:04
L23	1195	l18 and l19 and l20 and l21 and l22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 10:05
L24	54	l23 and current near1 limit\$3 and predetermin \$3 and semiconduct\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 10:05
L25	107	l23 and current near1 limit\$3 and predetermin \$3 and chamber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 10:06
L26	45	l24 and @py<="2005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 10:06
L29	10	l25 and gain same limit \$3 and @py<="2005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 10:16

L32	1	pump near3 motor and variab\$2 adj speed and overcurrent and predetermin\$3 and gain and sens\$3 near1 temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 11:10
L33	1	pump near motor and variab\$2 adj speed and overcurrent and predetermin\$3 and gain and sens\$3 near1 temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 11:12
L34	17	pump near motor and variab\$2 adj speed and overload and predetermin\$3 and gain and sens\$3 near1 temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 11:12
L37	547	(318/806).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/06 12:15
L38	0	l37 and pump near motor and variab\$2 adj speed and overload and predetermin\$3 and gain and sens\$3 near1 temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 12:15
L39	0	l37 and pump near motor and variab\$2 adj speed and overcurrent and predetermin\$3 and gain and sens\$3 near1 temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 12:15
L40	1	l37 and pump near motor and variab\$2 adj speed and over adj current and predetermin\$3 and gain and sens\$3 near1 temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 12:15
L43	2098	(417/53).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/06 12:16

L44	1	l43 and pump near motor and variab\$2 adj speed and over adj current and predetermin\$3 and gain and sens\$3 near1 temperature and @py<="2005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 12:17
L45	413	(417/212).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/06 12:17
L46	0	l45 and pump near motor and variab\$2 adj speed and over adj current and predetermin\$3 and gain and sens\$3 near1 temperature and @py<="2005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 12:17
L47	1328	(417/44.1).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/06 12:17
L48	0	l47 and pump near motor and variab\$2 adj speed and over adj current and predetermin\$3 and gain and sens\$3 near1 temperature and @py<="2005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 12:17
L63	11	"1213482"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 12:46
L64	10	"1278298"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 12:47

L65	10	"9904325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 12:48
L66	30	"5944049"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/06 12:53
S1	2404	pump and motor and driv\$3 and voltage and overload and load	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 16:31
S2	76	S1 and transient\$1 and limit\$3 and threshold and monitor\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 16:32
S3	2	("5718565").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/19 16:35
S4	2	("6244825").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/19 16:35
S5	10	("4242625" "4511312" "4820317" "4864287" "5209110" "5226800" "5582017" "5646499").PN. OR ("6244825").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/19 16:36
S6	11	("20050183868" "3593103" "5324170" "5504693" "5941305" "6041856" "6244825" "6313600" "6686718").PN. OR ("7330779").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/19 16:42

S7	225	pump and motor and driv\$3 and current near limit\$3 and gain and overload and load	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 10:44
S8	234	pump and motor and driv\$3 and current near limit\$3 and gain and overload	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 10:44
S9	26	S8 and time adj constant and temperature and torque and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 10:45
S10	21	S8 and time adj constant and thermal and torque and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 10:45
S11	34	S8 and time adj constant and torque and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 10:45
S12	29	S8 and time adj constant and thermal and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 10:55
S13	49	pump and motor and driv\$3 and current near limit\$3 and gain and vacuum and chamber and wafer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:01
S14	20	S13 and temperature and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:02

S15	21	S13 and thermal and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:02
S17	0	S13 and overload and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:04
S18	0	S13 and over adj load and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:05
S19	5	S13 and transient\$1 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:05
S20	6282296	temperature or thermal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:07
S21	77	pump\$3 and motor and driv\$3 and current and power and limit\$3 and gain and over adj load	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:07
S22	65	S20 and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:07
S23	42	S20 and S21 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:08

S24	3	pump\$3 and motor and driv\$3 and current near limit\$3 and gain near control\$3 and over adj load and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:15
S25	50	pump\$3 and motor and driv\$3 and current near limit\$3 and gain near control\$3 and transient\$1 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:17
S26	34	S25 and temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:19
S27	27	("4246788" "4384825").PN. OR ("4527953").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/22 11:24
S29	25	pump\$3 and motor and driv\$3 and time adj constant and current and temperature and over adj load and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 11:35
S30	914	(318/565).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:40
S31	0	S30 and pump\$3 near vacuum and motor and driv\$3 and current near limit\$3 and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:41
S32	0	S30 and pump\$3 near vacuum and motor and driv\$3 and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:42
S33	167	(318/623).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:42

S34	0	S33 and pump\$3 near vacuum and motor and driv\$3 and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:43
S35	262	(318/628).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:43
S36	0	S35 and pump\$3 near vacuum and motor and driv\$3 and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:43
S37	286	(318/641).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:43
S38	0	S37 and pump\$3 near vacuum and motor and temperature and driv \$3 and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:43
S39	326	(318/650).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:44
S40	0	S39 and pump\$3 near vacuum and motor and temperature and driv \$3 and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:44
S41	110	(318/644).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:44

S42	0	S41 and pump\$3 near vacuum and motor and temperature and driv\$3 and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:44
S43	210	(318/645).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:44
S44	0	S43 and pump\$3 near vacuum and motor and temperature and driv\$3 and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:45
S45	175	(318/400.22).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:46
S46	0	S45 and pump\$3 near vacuum and motor and temperature and driv\$3 and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:46
S47	0	S45 and pump\$3 and motor and temperature and driv\$3 and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:46
S48	36	(318/708).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:47
S49	0	S48 and pump\$3 and motor and temperature and driv\$3 and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:47

S50	895	(318/727).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:47
S51	0	S50 and pump\$3 and motor and temperature and driv\$3 and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:47
S52	0	S50 and pump\$3 and motor and driv\$3 and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:48
S53	0	S50 and pump\$3 near motor and driv\$3 and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:48
S54	330	(417/1).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:50
S55	0	S54 and pump\$3 near motor and driv\$3 and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:50
S56	582	(417/32).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:51
S57	1	S56 and pump\$3 and motor and driv\$3 and temperature and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:51

S58	177	(417/237).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:53
S59	0	S58 and pump\$3 and motor and driv\$3 and temperature and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:53
S60	192	(417/274).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:58
S61	0	S60 and pump\$3 and motor and driv\$3 and temperature and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:58
S62	212	(417/278).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:59
S63	0	S62 and pump\$3 and motor and driv\$3 and temperature and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:59
S64	463	(417/279).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 14:59
S65	0	S64 and pump\$3 and motor and driv\$3 and temperature and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 14:59

S66	80	(417/324).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 15:00
S67	0	S66 and pump\$3 and motor and driv\$3 and temperature and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 15:00
S68	42	vacuum near pump\$3 and motor and driv\$3 and temperature and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 15:01
S69	24	vacuum near pump\$3 and power and speed and motor and driv\$3 and temperature and over adj load\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 15:01
S70	4356	vacuum near pump\$3 and power and speed and motor and driv\$3 and temperature and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 15:02
S71	64	S70 and gain near control\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 15:02
S72	149	pump and motor and driv\$3 and overload\$3 and gradual\$2 and temperature and overheat\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/20 11:22
S73	4350026	predetermin\$3 or preset near value\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/20 11:23

S74	125	S72 and S73	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/20 11:23
S75	28	pump\$3 near system and motor near temperature and driv \$3 and overload\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/20 12:22
S76	22	pump\$3 near system and motor and high near temperature and driv\$3 and overload\$3 near condition and predetermin\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/20 12:42
S77	11	pump\$3 near system and motor and thermal near protect\$3 and driv \$3 and overload\$3 and power and predetermin \$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/20 12:56
S78	440	pump\$3 near system and motor and driv\$3 and overload\$3 and power and exceed\$3 and control\$3 and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/20 13:04
S79	38	pump\$3 near system and motor and driv\$3 and overload\$3 and power and exceed\$3 and control\$3 and decreas\$3 near speed and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/20 13:04
S80	1	pump\$3 near system and motor and driv\$3 and overload\$3 and transient near condition \$1 and exceed\$3 and control\$3 and decreas \$3 near speed and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/20 14:22
S81	422	(417/271).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/21 11:52

S82	0	S81 and pump\$3 near system and motor and driv\$3 and overload\$3 and control\$3 and power and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 11:54
S83	179	(417/237).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/21 11:54
S84	0	S83 and pump\$3 near system and motor and driv\$3 and overload\$3 and control\$3 and power and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 11:55
S85	61	(477/177).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/21 11:55
S86	0	S85 and pump\$3 near system and motor and driv\$3 and overload\$3 and control\$3 and power and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 11:55
S87	3	S81 and pump\$3 near motor and driv\$3 and overload\$3 and control \$3 and power and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 11:56
S88	1	S83 and pump\$3 near motor and driv\$3 and overload\$3 and control \$3 and power and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 11:56
S89	86	(700/256).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/21 11:57

S90	0	S89 and pump\$3 near motor and driv\$3 and overload\$3 and control \$3 and power and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 11:57
S91	42	(477/157).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/21 11:57
S92	0	S91 and pump\$3 near motor and driv\$3 and overload\$3 and control \$3 and power and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 11:57
S93	154	(318/117).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/21 11:59
S94	0	S93 and pump\$3 near motor and driv\$3 and overload\$3 and control \$3 and power and @py<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 11:59

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L30	0	pump near motor and transient near period\$1 and driv\$3 and overcurrent and predetermin\$3 and gain and sens\$3 near1 temperature	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 10:19
L31	6	pump near3 motor and transient\$1 and driv\$3 and overcurrent and predetermin\$3 and gain and sens\$3 near1 temperature	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 10:20

L35	24	pump near motor and variab\$2 adj speed and over adj current and predetermin\$3 and gain and sens\$3 near1 temperature	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 11:16
L36	126	("20010041139" "20020050490" "20020070875" "20020136642" "20030017055" "20030099548" "20030196942" "20040009075" "20040013531" "20050123408" "20050190094" "20050226731" "20060045750" "20060090255" "20060127227" "20060204367" "20070114162" "20070154319" "20070154320" "20070154321" "20070154322" "20070154323" "20070163929" "20070183902" "20080131286" "20080131289" "20080131291" "20080131294" "20080131295" "20080131296" "20080140353" "20080152508" "20080181785" "20080181786" "20080181787" "20080181788" "20080181789" "20080181790" "3613805" "3778804" "3787882" "4353220" "4494180" "4610605" "4620835" "4678409" "4703387" "4767280" "4795314" "4834624" "4912936" "4963778" "5026256" "5099181" "5123080" "5156535" "5158436" "5167041" "5240380" "5342176" "5471125" "5473497"	US-PGPUB; USPAT	OR	ON	2011/04/06 11:20

		"5512883" "5518371" "5519848" "5520517" "5571000" "5580221" "5598080" "5614812" "5626464" "5628896" "5672050" "5711483" "5727933" "5777833" "5791882" "5804080" "5819848" "5883489" "5909372" "5941690" "5969958" "5973465" "6037742" "6046492" "6048183" "6072291" "6091604" "6102665" "6125481" "6142741" "6208112" "6227808" "6254353" "6264431" "6299414" "6326752" "6351359" "6354805" "6373728" "6380707" "6406265" "6416295" "6426633" "6450771" "6464464" "6468042" "6468052" "6474949" "6481973" "6483278"). PN. OR ("6501629" "6548976" "6623245" "6676831" "6690250" "6715996" "6717318" "6747367" "6774664" "6925823" "7005818" "7050278" "7083392" "7221121").PN. OR ("7857600").URPN.				
L41	24	pump near motor and variab\$2 adj speed and over adj current and predetermin\$3 and gain and sens\$3 near1 temperature	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 12:16
L42	1	l41 and @py<="2005"	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 12:16
L49	0	transient adj period\$1 and pump\$3 near3 motor and monitor\$3 near1 means and overload and gain near3 limit\$3 and @py<="2005"	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 12:20
L50	0	transient adj period\$1 and pump\$3 near3 motor and monitor\$3 and overload and gain near3 limit\$3 and @py<="2005"	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 12:20

L52	1	transient adj period\$1 and motor near3 pump\$3 and monitor\$3 and overload and gain adj circuit\$2	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 12:21
L53	0	DE19622754	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 12:35
L54	0	"19622754"	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 12:35
L55	0	JP57164242	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 12:36
L56	0	"57164242"	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 12:36
L57	1	"1278298"	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 12:37
L58	0	EP1278298	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 12:38
L59	13	"4318214"	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 12:44

4/ 6/ 2011 12:58:30 PM

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